

What is claimed is:

1. A composition for treatment of renal failure comprising a selected bacteria which converts nitrogenous waste into non-toxic compounds *in vivo*.
- 5        2. The composition of claim 1 wherein the selected bacteria is *B. pasteurii*.
3. The composition of claim 1 wherein the selected bacteria is *L. sporogenes*.
4. A method of inhibiting build up of toxins and  
10 metabolic wastes and overgrowth of undesirable bacteria in a subject comprising administering to a subject the composition of claim 1.
5. The method of claim 4 wherein the composition is administered to the subject to alleviate the symptoms of  
15 uremia.
6. The method of claim 5 wherein the symptoms of uremia are caused by kidney disease or an inborn error of urea metabolism.
7. The method of claim 4 wherein the composition is  
20 administered to treat renal insufficiency, liver insufficiency, inborn error of urea metabolism or gastrointestinal disorders and diseases.